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Drissi-Habti, Monssef, Raimondo Betti and Bojidar Yanev, "Structural Health Monitoring of Bridge Cables," *M.E.*, Vol. 67, No. 11, November 2009, pp. 1285–1292.

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Hsu, David K., Vinay Dayal and Daniel J. Barnard, "Heat-Induced Disbonding and Degradation of Adhesive Bonds in Honeycomb Sandwich Structures," *M.E.*, Vol. 67, No. 7, July 2009, pp. 843–850.

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Jalinoos, Frank, "Introduction to Technical Focus Issue on NDT of Bridges," *M.E.*, Vol. 67, No. 11, November 2009, p. 1284.

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Nath, S.K., Krishnan Balasubramaniam, C.V. Krishnamurthy and B.H. Narayana, "Reliability Analysis of Time of Flight Diffraction Characterization of Inclined Cracks," *M.E.*, Vol. 67, No. 3, March 2009, pp. 342–353.

Nath, S.K., Krishnan Balasubramaniam, C.V. Krishnamurthy and B.H. Narayana, "An Ultrasonic Time of Flight Diffraction Technique for Characterization of Surface-Breaking Inclined Cracks," *M.E.*, Vol. 67, No. 2, February 2009, pp. 141–148.

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Pedrick, M., B.R. Tittmann and J. Seliga, "Design and Performance of a Broadband 10 MHz Transducer for Elevated Temperature, Leave-in-Place Applications," *M.E.*, Vol. 67, No. 2, February 2009, pp. 149–153.

Peng, Peng-Chi, Ming-Cheng Chen, Chiung-Hui Lin, Chun-Yu Chi and Chung-Yue Wang, "Testing of Holes in Concrete Using Gamma Radiography," *M.E.*, Vol. 67, No. 3, March 2009, pp. 327–332.

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Pick, Lior and Ofra Kleinberger, "Technical Highlights of Digital Radiography for NDT," *M.E.*, Vol. 67, No. 10, October 2009, pp. 1111–1116.

Pincu, Ron and Ofra Kleinberger, "The Transition from Conventional Radiography to Digital Radiography," *M.E.*, Vol. 67, No. 5, May 2009, pp. 499–506.

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Romero, Francisco A., Keith J. Sjostrom, Steven P. DiBenedetto and John D. Ciampa, "3D Utility Mapping Using Integrated Geophysical Technologies," *M.E.*, Vol. 67, No. 10, October 2009, pp. 1100–1110.

Rose, Joseph L., Jing Mu, Jia Hua, Roger Royer and Steve Kenefick, "Guided Wave Testing of Buried Pipe," *M.E.*, Vol. 67, No. 12, December 2009, pp. 1387–1392.

Rose, Joseph L., see Van Velsor, Jason K., *M.E.*, Vol. 67, No. 10, October 2009, pp. 1179–1188.

Roth, D.J., and R.P. Tokars, R.E. Martin, R.W. Rauser, J.C. Aldrin, E.J. Schumacher, "Ultrasonic Phased Array Testing Situations of Welded Components at NASA," *M.E.*, Vol. 67, No. 1, January 2009, pp. 60–65.

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Sabet-Sharghi, Reyaz, Kianoush Samani, Paulino Ramos and Danny Keck, "The Application of Guided Waves for the Detection of Corrosion under Insulation," *M.E.*, Vol. 67, No. 9, September 2009, pp. 1043–1047.

Salamone, Salvatore, Tim Fasel, Ivan Bartoli, Ankrit Srivastava, Francesco Lanza di Scalea and Michael Todd, "Health Monitoring Approach for Adhesively Bonded Joints," *M.E.*, Vol. 67, No. 7, July 2009, pp. 828–836.

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Seliga, J., Pedrick, M., *M.E.*, Vol. 67, No. 2, February 2009, pp. 149–153.

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Sham, F.C. and Y. Lo, Y.S. Chen, Y.Y. Hung, "Subsurface Water Path Detection in Concrete Structures Using Active Thermography," *M.E.*, Vol. 67, No. 1, January 2009, pp. 28–31.

Sjerve, Eric and Michael Moles, "International Institute of Welding Commission VC Update," *M.E.*, Vol. 67, No. 4, April 2009, pp. 400–403.

Sjostrom, Keith J., see Romero, Francisco A., *M.E.*, Vol. 67, No. 10, October 2009, pp. 1100–1110.

Smith, Robert A., see Drewry, Melody A., *M.E.*, Vol. 67, No. 9, September 2009, pp. 1048–1058.

Surdahl, Roger, see Haramy, Khamis Y., *M.E.*, Vol. 67, No. 11, November 2009, pp. 1293–1299.

Tittmann, B.R., see Pedrick, M., *M.E.*, Vol. 67, No. 2, February 2009, pp. 149–153.

Todd, Michael, see Salamone, Salvatore, *M.E.*, Vol. 67, No. 7, July 2009, pp. 828–836.

Tokars, R.P., see Roth, D.J., *M.E.*, Vol. 67, No. 1, January 2009, pp. 60–65.

Topfer, Karin, see Mango, Steven A., *M.E.*, Vol. 67, No. 1, January 2009, pp. 17–22.

Van Velsor, Jason K., Joseph L. Rose and J. Bruce Nestleroth, "Fabrication and Characterization of Nano-Active Fiber Composites as Acoustic Emission Sensors," *M.E.*, Vol. 67, No. 10, October 2009, pp. 1179–1188.

Vande Kamp, Rodney, see Elder, James B., *M.E.*, Vol. 67, No. 8, August 2009, pp. 888–894.

Vinogradov, Sergey A., "Magnetostrictive Transducer for Torsional Guided Waves in Pipes and Plates," *M.E.*, Vol. 67, No. 3, March 2009, pp. 333–341.

Walker, James, Scott Ragasa, Rose Sanders, Don Lovell and Matthew McDougal, "Nondestructive Testing Techniques for the Ares I Common Bulkhead Bond Line," *M.E.*, Vol. 67, No. 7, July 2009, pp. 774–783.

Wang, Chung-Yue, see Peng, Peng-Chi, *M.E.*, Vol. 67, No. 3, March 2009, pp. 327–332.

Whitaker, Joel W., "ASNT — Charting a Course for Future Generations," *President's Letter, M.E.*, Vol. 67, No. 11, November 2009, pp. 1225–1226.

Whitaker, Joel W., "What's Right with ASNT," *Vice President's Letter, M.E.*, Vol. 67, No. 8, August 2009, p. 873.

Whitaker, Joel W., "Changing with the Times," *President's Letter, M.E.*, Vol. 67, No. 12, December 2009, p. 1329.

Wiersma, Bruce J., see Elder, James B., *M.E.*, Vol. 67, No. 8, August 2009, pp. 888–894.

Wilcox, Paul, see Drewry, Melody A., *M.E.*, Vol. 67, No. 9, September 2009, pp. 1048–1058.

Wright, Scott, see Reinhart, Eugene R., *M.E.*, Vol. 67, No. 6, June 2009, pp. 603–610.

Yan, Dawai, see Drewry, Melody A., *M.E.*, Vol. 67, No. 9, September 2009, pp. 1048–1058.

Yanev, Bojidar, see Drissi-Habti, Monssef, *M.E.*, Vol. 67, No. 11, November 2009, pp. 1285–1292.

Yanev, Bojidar, see Drissi-Habti, Monssef, *M.E.*, Vol. 67, No. 12, December 2009, pp. 1379–1386.

Yang, Shiuh-Kuang, Ping-Hung Lee and Jyin-Wen Cheng, "Effect of Welded Pipe Supports Brackets on Torsional Guided Wave Propagation," *M.E.*, Vol. 67, No. 8, August 2009, pp. 935–944.

Yim, Hyunjune, see Baek, Eunsol, *M.E.*, Vol. 67, No. 1, January 2009, pp. 49–56.

Yiu, Edward C.Y., see Huang, Y.H., *M.E.*, Vol. 67, No. 4, April 2009, pp. 437–443.

Zeighami, Mehdi and Farhang Honarvar, "New Approaches for Testing of Adhesive Joints by Ultrasonic C-scan Imaging Technique," *M.E.*, Vol. 67, No. 8, August 2009, pp. 945–954.

Zhao, X.M., T. Gang and X.Y. Zhao, "Experimental Study of Nondestructive Microstructural Characterization of Frication Stir Welded Joints," M.E., Vol. 67, No. 4, April 2009, pp. 444–448.

Zhao, X.Y., see Zhao, X.M., *M.E.*, Vol. 67, No. 4, April 2009, pp. 444–448.

SUBJECTS

"18th Annual Research Symposium, ASNT's," *Society News, M.E.*, Vol. 67, No. 3, March 2009, pp. 278–279.

"2008 ASNT Fall Conference, Charleston Hosts," *Wrap-up, M.E.*, Vol. 67, No. 2, February 2009, p. 121.

"2008–2009 ASNT President Jocelyn Langlois," David F. Fanning, *Presidential Profile, M.E.*, Vol. 67, No. 2, February 2009, pp. 85–86.

"2008–2009 President's Award Results," *Awards and Honors, M.E.*, Vol. 67, No. 10, October 2009, p. 1089.

"2009 Philip D. Johnson Honorary Membership Award Nominations Accepted," *Awards and Honors, M.E.*, Vol. 67, No. 2, February 2009, p. 126.

"2009 Research Symposium in St. Louis," *Wrap-up, M.E.*, Vol. 67, No. 6, June 2009, pp. 590–591.

"2009 Tutorial Citation Applications Solicited," *Awards and Honors, M.E.*, Vol. 67, No. 2, February 2009, p. 126.

"2009, ASNT Election Results," *Society News, M.E.*, Vol. 67, No. 10, October 2009, p. 1094.

"2010 Robert C. McMaster Gold Medal Nominations Accepted," *Awards and Honors, M.E.*, Vol. 67, No. 12, December 2009, p. 1337.

"2011 Mehl Honor Lecture Solicitation," *Awards and Honors, M.E.*, Vol. 67, No. 2, February 2009, p. 127.

"3D Ground Penetrating Radar Investigations, Multi-antenna Platforms for Fast and Economical," Jorgen Bergstrom, *M.E.*, Vol. 67, No. 4, April 2009, pp. 392–399.

"3D Utility Mapping Using Integrated Geophysical Technologies," Francisco A. Romero, Keith J. Sjostrom, Steven P. DiBenedetto and John D. Ciampa, *M.E.*, Vol. 67, No. 10, October 2009, pp. 1100–1110.

"Acoustic Emission Sensors, Fabrication and Characterization of Nano-Active Fiber Composites as," Jason K. Van Velsor, Joseph L. Rose and J. Bruce Nestleroth, *M.E.*, Vol. 67, No. 10, October 2009, pp. 1179–1188.

"Acquisition, Data," *Product Spotlight, M.E.*, Vol. 67, No. 2, February 2009, pp. 116–119.

"Active Membership, The Value of," Jocelyn Langlois, *President's Letter, M.E.*, Vol. 67, No. 9, September 2009, p. 977.

"Active Thermography, Subsurface Water Path Detection in Concrete Structures Using," F.C. Sham and Y. Lo, Y.S. Chen, Y.Y. Hung, *M.E.*, Vol. 67, No. 1, January 2009, pp. 28–31.

"Adhesive Bonds in Honeycomb Sandwich Structures, Heat-Induced Disbonding and Degradation of," David K. Hsu, Vinay Dayal and Daniel J. Barnard, *M.E.*, Vol. 67, No. 7, July 2009, pp. 843–850.

"Adhesively Bonded Joints, Health Monitoring Approach for," Salvatore Salamone, Tim Fasel, Ivan Bartoli, Ankrit Srivastava, Francesco Lanza di Scalea and Michael Todd, *M.E.*, Vol. 67, No. 7, July 2009, pp. 828–836.

"Adhesively Bonded Joints, Optical NDT of," Rikard Benton Heslehurst, *M.E.*, Vol. 67, No. 7, July 2009, pp. 837–842.

"Aging Concrete Structures, In-Situ Shearographic Nondestructive Testing of," Y.H. Huang, L. Liu Hung and Edward C.Y. Yiu, *M.E.*, Vol. 67, No. 4, April 2009, pp. 437–443.

"Amendments to ASNT Bylaws Presented for Member Consideration, Proposed," *Special Notice, M.E.*, Vol. 67, No. 8, August 2009, pp. 882–885.

"An Industry-Cooperative Program to Develop an Automated Phased Array UT System," Eugene R. Reinhart, Teodoro Leon-Salamanca, Ethan Ellenberg, Kristen Kaufman and Scott Wright, *M.E.*, Vol. 67, No. 6, June 2009, pp. 603–610.

"An Ultrasonic Time of Flight Diffraction Technique for Characterization of Surface-Breaking Inclined Cracks," S.K. Nath, Krishnan Balasubramaniam, C.V. Krishnamurthy and B.H. Narayana, "*M.E.*, Vol. 67, No. 2, February 2009, pp. 141–148.

"Applicants, Certification Management Council Seeks," *Society News, M.E.*, Vol. 67, No. 1, January 2009, p. 37.

"Application and Evaluation of Alternative Excitation Light Sources, Implications for the," Charles H. Mazel, *M.E.*, Vol. 67, No. 3, March 2009, pp. 284–291.

"Application of Fourier Theory in Radiographic Image Analysis," Sanjoy Das and B.K. Shah, *M.E.*, Vol. 67, No. 1, January 2009, pp. 57–59.

"Application of Guided Waves for the Detection of Corrosion under Insulation, The," Reyaz Sabet-Sharghi, Kianoush Samani, Paulino Ramos and Danny Keck, *M.E.*, Vol. 67, No. 9, September 2009, pp. 1043–1047.

"Applications Accepted, ASNT Awards and Honors," *Awards and Honors, M.E.*, Vol. 67, No. 8, August 2009, p. 878.

"Applications Solicited, 2009 Tutorial Citation," *Awards and Honors, M.E.*, Vol. 67, No. 2, February 2009, p. 126.

"Applications Solicited, Award," *Awards and Honors, M.E.*, Vol. 67, No. 5, May 2009, p. 485.

"Applications Solicited, Faculty Grant," *Awards and Honors, M.E.*, Vol. 67, No. 9, September 2009, pp. 982–983.

"Applying *MIL-HDBK-1823* for POD Demonstration on a Fluorescent Penetrant System," Jennifer Herberich, *M.E.*, Vol. 67, No. 3, March 2009, pp. 293–301.

"Approach for Adhesively Bonded Joints, Health Monitoring," Salvatore Salamone, Tim Fasel, Ivan Bartoli, Ankrit Srivastava, Francesco Lanza di Scalea and Michael Todd, *M.E.*, Vol. 67, No. 7, July 2009, pp. 828–836.

"Ares I Common Bulkhead Bond Line, Nondestructive Testing Techniques for the," James Walker, Scott Ragasa, Rose Sanders, Don Lovell and Mathew McDougal, *M.E.*, Vol. 67, No. 7, July 2009, pp. 774–783.

"Array Transducers Based on a Time-Reversal Process, Ultrasonic Beam Focusing and Steering of," Hyunjo Jeong, *M.E.*, Vol. 67, No. 6, June 2009, pp. 721–729.

"ASNT 2009 Election Results," *Society News, M.E.*, Vol. 67, No. 10, October 2009, p. 1094.

"ASNT Awards and Honors Applications Accepted," *Awards and Honors, M.E.*, Vol. 67, No. 8, August 2009, p. 878.

"ASNT Bylaws Presented for Member Consideration, Proposed Amendments to," *Special Notice, M.E.*, Vol. 67, No. 8, August 2009, pp. 882–885.

"ASNT — Charting a Course for Future Generations," Joel W. Whitaker, *President's Letter, M.E.*, Vol. 67, No. 11, November 2009, pp. 1225–1226.

"ASNT Faculty Grant," *Awards and Honors, M.E.*, Vol. 67, No. 9, September 2009, p. 982.

"ASNT Fall Conference, Charleston Hosts 2008," *Wrap-up, M.E.*, Vol. 67, No. 2, February 2009, p. 121.

"ASNT Fellow Award," *Awards and Honors, M.E.*, Vol. 67, No. 10, October 2009, p. 1090.

"ASNT Fellow Award," *Awards and Honors, M.E.*, Vol. 67, No. 2, February 2009, p. 125.

"ASNT Fellow Award Nominations Solicited," *Awards and Honors, M.E.*, Vol. 67, No. 11, November 2009, p. 1233.

"ASNT Fellowship Award," *Awards and Honors, M.E.*, Vol. 67, No. 10, October 2009, pp. 1086–1088.

"ASNT Fellowship Award," *Awards and Honors, M.E.*, Vol. 67, No. 10, October 2009, p. 1090.

"ASNT Fellowship Award Being Accepted, Nominations for," *Awards and Honors, M.E.*, Vol. 67, No. 9, September 2009, p. 983.

"ASNT Fellowship Papers Published," *Awards and Honors, M.E.*, Vol. 67, No. 10, October 2009, p. 1088.

"ASNT Memorial Scholarship Fund," *Society News, M.E.*, Vol. 67, No. 2, February 2009, p. 131.

"ASNT Officer and Director Positions, Nominees and Candidates for 2009–2010," *Society News, M.E.*, Vol. 67, No. 5, May 2009, p. 479.

"ASNT President Jocelyn Langlois, 2008–2009," David F. Fanning, *Presidential Profile, M.E.*, Vol. 67, No. 2, February 2009, pp. 85–86.

"ASNT Thanks Contributors," *Society News, M.E.*, Vol. 67, No. 6, June 2009, p. 578.

"ASNT, What's Right with," Joel W. Whitaker, *Vice President's Letter, M.E.*, Vol. 67, No. 8, August 2009, p. 873.

"ASNT's 18th Annual Research Symposium," *Society News, M.E.*, Vol. 67, No. 3, March 2009, pp. 278–279.

"Asynchronous Laboratory Training, Distance Education," Kim T. Hays, *M.E.*, Vol. 67, No. 9, September 2009, pp. 990–995.

"Automated Phased Array UT System, An Industry-Cooperative Program to Develop an," Eugene R. Reinhart, Teodoro Leon-Salamanca, Ethan Ellenberg, Kristen Kaufman and Scott Wright, *M.E.*, Vol. 67, No. 6, June 2009, pp. 603–610.

"Award Applications Solicited," *Awards and Honors, M.E.*, Vol. 67, No. 5, May 2009, p. 485.

"Award for Innovation, Research," *Awards and Honors, M.E.*, Vol. 67, No. 8, August 2009, p. 878.

"Award for Sustained Excellence, Research," *Awards and Honors, M.E.*, Vol. 67, No. 8, August 2009, p. 878.

"Award Nominations Accepted, 2009 Philip D. Johnson Honorary Membership," *Awards and Honors, M.E.*, Vol. 67, No. 2, February 2009, p. 126.

"Award Nominations, Mentoring," *Awards and Honors, M.E.*, Vol. 67, No. 1, January 2009, p. 36.

"Award, ASNT Fellow," *Awards and Honors, M.E.*, Vol. 67, No. 10, October 2009, p. 1090.

"Award, ASNT Fellow," *Awards and Honors, M.E.*, Vol. 67, No. 2, February 2009, p. 125.

"Award, ASNT Fellowship," *Awards and Honors, M.E.*, Vol. 67, No. 10, October 2009, pp. 1086–1088.

"Award, ASNT Fellowship," *Awards and Honors, M.E.*, Vol. 67, No. 10, October 2009, p. 1090.

"Award, Engineering Undergraduate," *Awards and Honors, M.E.*, Vol. 67, No. 6, June 2009, p. 579.

"Award, Engineering Undergraduate," *Awards and Honors, M.E.*, Vol. 67, No. 10, October 2009, p. 1091.

"Award, *Materials Evaluation* Outstanding Paper," *Awards and Honors, M.E.*, Vol. 67, No. 5, May 2009, p. 484.

"Award, *Materials Evaluation* Outstanding Paper," *Awards and Honors, M.E.*, Vol. 67, No. 10, October 2009, p. 1092.

"Award, Mentoring," *Awards and Honors, M.E.*, Vol. 67, No. 10, October 2009, p. 1091.

"Award, Mentoring," *Awards and Honors, M.E.*, Vol. 67, No. 3, March 2009, p. 273.

"Award, Philip D. Johnson Honorary Member," *Awards and Honors, M.E.*, Vol. 67, No. 4, April 2009, p. 383.

"Award, Philip D. Johnson Honorary Member," *Awards and Honors, M.E.*, Vol. 67, No. 10, October 2009, p. 1092.

"Award, *RNDE* Outstanding Paper," *Awards and Honors, M.E.*, Vol. 67, No. 10, October 2009, p. 1092.

Awards and Honors, "2008–2009 President's Award Results," *M.E.*, Vol. 67, No. 10, October 2009, p. 1089.

Awards and Honors, "2009 Philip D. Johnson Honorary Membership Award Nominations Accepted," *M.E.*, Vol. 67, No. 2, February 2009, p. 126.

Awards and Honors, "2009 Tutorial Citation Applications Solicited," *M.E.*, Vol. 67, No. 2, February 2009, p. 126.

Awards and Honors, "2010 Robert C. McMaster Gold Medal Nominations Accepted," *M.E.*, Vol. 67, No. 12, December 2009, p. 1337.

Awards and Honors, "2011 Mehl Honor Lecture Solicitation," *M.E.*, Vol. 67, No. 2, February 2009, p. 127.

Awards and Honors, "ASNT Awards and Honors Applications Accepted," *M.E.*, Vol. 67, No. 8, August 2009, p. 878.

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Awards and Honors, "ASNT Fellow Award," *M.E.*, Vol. 67, No. 2, February 2009, p. 125.

Awards and Honors, "ASNT Fellow Award Nominations Solicited," *M.E.*, Vol. 67, No. 11, November 2009, p. 1233.

Awards and Honors, "ASNT Fellowship Award," *M.E.*, Vol. 67, No. 10, October 2009, pp. 1086–1088.

Awards and Honors, "ASNT Fellowship Award," *M.E.*, Vol. 67, No. 10, October 2009, p. 1090.

Awards and Honors, "ASNT Fellowship Papers Published," *M.E.*, Vol. 67, No. 10, October 2009, p. 1088.

Awards and Honors, "Award Applications Solicited," *M.E.*, Vol. 67, No. 5, May 2009, p. 485.

Awards and Honors, "Charles N. Sherlock Meritorious Service Award," *M.E.*, Vol. 67, No. 7, July 2009, p. 768.

Awards and Honors, "Charles N. Sherlock Meritorious Service Award," *M.E.*, Vol. 67, No. 10, October 2009, p. 1091.

Awards and Honors, "Engineering Undergraduate Award," *M.E.*, Vol. 67, No. 6, June 2009, p. 579.

Awards and Honors, "Engineering Undergraduate Award," *M.E.*, Vol. 67, No. 10, October 2009, p. 1091.

Awards and Honors, "Faculty Grant," *M.E.*, Vol. 67, No. 10, October 2009, p. 1091.

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Awards and Honors, "Lou Di Valerio Technician of the Year," *M.E.*, Vol. 67, No. 6, June 2009, p. 579.

Awards and Honors, "Lou DiValerio Technician of the Year Award Nominations Solicited," *M.E.*, Vol. 67, No. 12, December 2009, p. 1337.

Awards and Honors, "Mehl Honor Lecture," *M.E.*, Vol. 67, No. 10, October 2009, p. 1091.

Awards and Honors, "Mentoring Award Nominations," *M.E.*, Vol. 67, No. 1, January 2009, p. 36.

Awards and Honors, "Mentoring Award," *M.E.*, Vol. 67, No. 3, March 2009, p. 273.

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Awards and Honors, "Nominations for ASNT Fellowship Award Being Accepted," *M.E.*, Vol. 67, No. 9, September 2009, p. 983.

Awards and Honors, "Oliver Scholarship Entries Solicited," *M.E.*, Vol. 67, No. 10, October 2009, p. 1088.

Awards and Honors, "Outstanding Paper Award, *Materials Evaluation*," *M.E.*, Vol. 67, No. 5, May 2009, p. 484.

Awards and Honors, "Outstanding Paper Award, *Materials Evaluation*," *M.E.*, Vol. 67, No. 10, October 2009, p. 1092.

Awards and Honors, "Outstanding Paper Award, *RNDE*," *M.E.*, Vol. 67, No. 10, October 2009, p. 1092.

Awards and Honors, "Philip D. Johnson Honorary Member Award," *M.E.*, Vol. 67, No. 4, April 2009, p. 383.

Awards and Honors, "Philip D. Johnson Honorary Member Award," *M.E.*, Vol. 67, No. 10, October 2009, p. 1092.

Awards and Honors, "Research Award for Innovation," *M.E.*, Vol. 67, No. 8, August 2009, p. 878.

Awards and Honors, "Research Award for Sustained Excellence," *M.E.*, Vol. 67, No. 8, August 2009, p. 878.

Awards and Honors, "Robert C. McMaster Gold Medal," *M.E.*, Vol. 67, No. 12, December 2009, p. 1337.

Awards and Honors, "Tutorial Citation," *M.E.*, Vol. 67, No. 11, November 2009, p. 1233.

Awards and Honors, "Young NDT Professional Award," *M.E.*, Vol. 67, No. 11, November 2009, p. 1233.

"Awards and Honors Applications Accepted, ASNT," *Awards and Honors*, *M.E.*, Vol. 67, No. 8, August 2009, p. 878.

Back to Basics, George Hopman, "Monitoring Capability of Penetrant System Performance Panels," *M.E.*, Vol. 67, No. 2, February 2009, pp. 98–101.

Back to Basics, David K. Hsu, Daniel J. Barnard and Dennis P. Roach, "Tap Test: Evolution of an Old Technique," *M.E.*, Vol. 67, No. 7, July 2009, pp. 785–791.

Back to Basics, Tim McAnally, "Evaluation of Fluorescent Penetrant Indications Caused by Positive Metal Conditions," *M.E.*, Vol. 67, No. 12, December 2009, pp. 1350–1352.

Back to Basics, Franklin Moon, Emin Aktan, Frank Jalinoos and Shuang Jin, "Leveraging Technology for Performance Based Bridge Engineering," *M.E.*, Vol. 67, No. 11, November 2009, pp. 1248–1257.

"Bonded Joints, Optical NDT of Adhesively," Rikard Benton Heslehurst, *M.E.*, Vol. 67, No. 7, July 2009, pp. 837–842.

Boteler, Walt L., *In Memoriam*, *M.E.*, Vol. 67, No. 9, September 2009, p. 984.

"Bridge Cables: Pathologies, Inspection, Alternative Materials, Suspension," Monssef Drissi-Habti, Bojidar Yanev and Raimondo Betti, *M.E.*, Vol. 67, No. 12, December 2009, pp. 1379–1386.

"Bridge Cables, Structural Health Monitoring of," Monssef Drissi-Habti, Raimondo Betti and Bojidar Yanev, *M.E.*, Vol. 67, No. 11, November 2009, pp. 1285–1292.

"Bridge Engineering, Leveraging Technology for Performance Based," Franklin Moon, Emin Aktan, Frank Jalinoos and Shuang Jin, *Back to Basics*, *M.E.*, Vol. 67, No. 11, November 2009, pp. 1248–1257.

"Bridge Inspection Practice, Use of NDT Technologies in US," Sreenivas Alampalli and Frank Jalinoos, *M.E.*, Vol. 67, No. 11, November 2009, pp. 1236–1246.

"Bridge Maintenance, Structural Health Monitoring by Periodic NDT: NDT for," Frank Jalinoos, Ralf Arndt, Dryver Huston and Jianhong Cui, *M.E.*, Vol. 67, No. 11, November 2009, pp. 1300–1307.

"Broadband 10 MHz Transducer for Elevated Temperature, Leave-in-Place Applications, Design and Performance of a," M. Pedrick, B.R. Tittmann and J. Seliga, *M.E.*, Vol. 67, No. 2, February 2009, pp. 149–153.

Burdick, David, *In Memoriam*, *M.E.*, Vol. 67, No. 10, October 2009, p. 984.

"Buried High-Level Radioactive Waste Storage Tanks, Ultrasonic Testing of," James B. Elder, Rodney W. Vande Kamp and Bruce J. Wiersma, *M.E.*, Vol. 67, No. 8, August 2009, pp. 888–894.

"Candidates and Nominees for 2009–2010 ASNT Officer and Director Positions," *Society News*, *M.E.*, Vol. 67, No. 5, May 2009, p. 479.

"Carbon/Carbon Composites, Thermal Diffusivity Mapping of," Yicheng Peter Pan, Richard A. Miller, Tsuchin Philip Chu and Peter Filip, *M.E.*, Vol. 67, No. 5, May 2009, pp. 540–546.

"Cataract Surgery, Ultraviolet Vision and Ultraviolet-Blocking Glasses," Charles Mazel, *M.E.*, Vol. 67, No. 12, December 2009, pp. 1353–1355.

"Cause, Common," Jocelyn Langlois, *From the President*, *M.E.*, Vol. 67, No. 1, January 2009, p. 5.

"Certification Management Council Seeks Applicants," *Society News*, *M.E.*, Vol. 67, No. 1, January 2009, p. 37.

"Certification Management Council Seeks Applicants," *Society News*, *M.E.*, Vol. 67, No. 11, November 2009, p. 1231.

"Certification Management Council Seeks Applicants," *Society News*, *M.E.*, Vol. 67, No. 12, December 2009, p. 1334.

"Changing with the Times," Joel W. Whitaker, *President's Letter*, *M.E.*, Vol. 67, No. 12, December 2009, p. 1329.

"Characterization of Surface-Breaking Inclined Cracks, an Ultrasonic Time of Flight Diffraction Technique for," S.K. Nath, Krishnan Balasubramaniam, C.V. Krishnamurthy and B.H. Narayana, "*M.E.*, Vol. 67, No. 2, February 2009, pp. 141–148.

"Charles N. Sherlock Meritorious Service Award," *Awards and Honors*, *M.E.*, Vol. 67, No. 7, July 2009, p. 768.

"Charles N. Sherlock Meritorious Service Award," *Awards and Honors*, *M.E.*, Vol. 67, No. 10, October 2009, p. 1091.

"Charleston Hosts 2008 ASNT Fall Conference," *Wrap-up*, *M.E.*, Vol. 67, No. 2, February 2009, p. 121.

"Combined X-ray Dual-Energy Radioscopy and Tomography Analysis for Explosives Detection," M. Iovea, G. Mateiasi, O.G. Duliu, M. Neagu and M. Mangu, *M.E.*, Vol. 67, No. 12, December 2009, pp. 1342–1349.

"Common Cause," Jocelyn Langlois, *From the President, M.E.*, Vol. 67, No. 1, January 2009, p. 5.

"Computed Radiography, Predictive Model of Key Performance Measures for," Steven A. Mango and Karin Topfer, *M.E.*, Vol. 67, No. 1, January 2009, pp. 17–22.

"Concrete Structures Subsurface Water Path Detection in Using Active Thermography," F.C. Sham and Y. Lo, Y.S. Chen, Y.Y. Hung, *M.E.*, Vol. 67, No. 1, January 2009, pp. 28–31.

"Concrete Using Gamma Radiography, Testing of Holes in," Peng-Chi Peng, Ming-Cheng Chen, Chiung-Hui Lin, Chun-Yu Chi and Chung-Yue Wang, *M.E.*, Vol. 67, No. 3, March 2009, pp. 327–332.

"Conventional Radiography to Digital Radiography, The Transition from," Ron Pincu, and Ofra Kleinberger, *M.E.*, Vol. 67, No. 5, May 2009, pp. 499–506.

"Corrosion under Insulation, The Application of Guided Waves for the Detection of," Reyaz Sabet-Sharghi, Kianoush Samani, Paulino Ramos and Danny Keck, *M.E.*, Vol. 67, No. 9, September 2009, pp. 1043–1047.

"Council Seeks Applicants, Certification Management," *Society News, M.E.*, Vol. 67, No. 1, January 2009, p. 37.

"Crystal Ball Gazing: NDT and Structural Health Monitoring for 2010 and Beyond," John C. Duke, Jr., *Opinion Paper, M.E.*, Vol. 67, No. 8, August 2009, pp. 895–899.

"Data Acquisition," *Product Spotlight, M.E.*, Vol. 67, No. 2, February 2009, pp. 116–119.

DeSande, Frank M., *In Memoriam, M.E.*, Vol. 67, No. 7, January 2009, p. 767.

"Design and Performance of a Broadband 10 MHz Transducer for Elevated Temperature, Leave-in-Place Applications," M. Pedrick, B.R. Tittmann and J. Seliga, *M.E.*, Vol. 67, No. 2, February 2009, pp. 149–153.

"Design of Experiments for Validating Probability of Detection Capability of NDT Systems and for Qualification of Inspectors," E.R. Generazio, *M.E.*, Vol. 67, No. 6, June 2009, pp. 730–738.

"Detection Capability of NDT Systems and for Qualification of Inspectors, Design of Experiments for Validating Probability of," E.R. Generazio, *M.E.*, Vol. 67, No. 6, June 2009, pp. 730–738.

"Detection of Corrosion under Insulation, The Application of Guided Waves for the" Reyaz Sabet-Sharghi, Kianoush Samani, Paulino Ramos and Danny Keck, *M.E.*, Vol. 67, No. 9, September 2009, pp. 1043–1047.

"Detection of Weak Adhesion, Ultrasonic Techniques for," Melody A. Drewry, Robert A. Smith, Albert P. Phang, Dawai Yan, Paul Wicox and Dennis P. Roach, *M.E.*, Vol. 67, No. 9, September 2009, pp. 1048–1058.

"Determination of Effective Setups for Ultrasonic Testing Based on Numerical Simulations Using Ray Tracing and the Mass Spring Lattice Model," Eunsol Baek and Hyunjune Yim, *M.E.*, Vol. 67, No. 1, January 2009, pp. 49–56.

"Diffraction Characterization of Inclined Cracks, Reliability Analysis of Time of Flight," S.K. Nath, Krishnan Balasubramaniam, C.V. Krishnamurthy and B.H. Narayana, *M.E.*, Vol. 67, No. 3, March 2009, pp. 342–353.

"Digital Radiography for NDT, Technical Highlights of," Lior Pick and Ofra Kleinberger, *M.E.*, Vol. 67, No. 10, October 2009, pp. 1111–1116.

"Digital Techniques in Weld Testing, Film Replacement by," Carla Alves Marinho, Ricardo T. Lopes and João Marcos A. Rebello, *M.E.*, Vol. 67, No. 5, May 2009, pp. 529–539.

"Disbonding and Degradation of Adhesive Bonds in Honeycomb Sandwich Structures, Heat-Induced," David K. Hsu, Vinay Dayal and Daniel J. Barnard, *M.E.*, Vol. 67, No. 7, July 2009, pp. 843–850.

"Distance Education: Asynchronous Laboratory Training," Kim T. Hays, *M.E.*, Vol. 67, No. 9, September 2009, pp. 990–995.

"DiValerio Technician of the Year Award Nominations Solicited, Lou," *Awards and Honors, M.E.*, Vol. 67, No. 12, December 2009, p. 1337.

"Drilled Shafts with Anomalies, Load Bearing Capacity of," Khamis Y. Haramy, Alan Rock, Nien-Yin Chang and Roger Surdahl, *M.E.*, Vol. 67, No. 11, November 2009, pp. 1293–1299.

"Educational Opportunities Take Many Forms," Kate Baldwin, *M.E.*, Vol. 67, No. 9, September 2009, pp. 996–1000.

"Effect of Welded Pipe Supports Brackets on Torsional Guided Wave Propagation," Shiuh-Kuang Yang, Ping-Hung Lee and Jyin-Wen Cheng, *M.E.*, Vol. 67, No. 8, August 2009, pp. 935–944.

"Election Results, ASNT 2009," *Society News, M.E.*, Vol. 67, No. 10, October 2009, p. 1094.

"Electric Power Applications of Magnetic Particle Testing," Armol S. Birring, *M.E.*, Vol. 67, No. 5, May 2009, pp. 490–498.

"Electrical Survey Advancement, High Voltage," Daniel A. Ninerdorf, *M.E.*, Vol. 67, No. 1, January 2009, pp. 23–27.

"Electromagnetic Testing," *Spotlight, M.E.*, Vol. 67, No. 4, April 2009, pp. 407–408.

"Engineering Undergraduate Award," *Awards and Honors, M.E.*, Vol. 67, No. 6, June 2009, p. 579.

"Engineering Undergraduate Award," *Awards and Honors, M.E.*, Vol. 67, No. 10, October 2009, p. 1091.

"Entries Solicited, Oliver Scholarship," *Awards and Honors, M.E.*, Vol. 67, No. 10, October 2009, p. 1088.

"Equipment, NDT Lab," *Spotlight, M.E.*, Vol. 67, No. 7, July 2009, pp. 793–794.

"Equipment, Power Industry NDT," *Spotlight, M.E.*, Vol. 67, No. 8, August 2009, pp. 909–910.

"Ethics of NDT, The," Jocelyn Langlois, *President's Letter, M.E.*, Vol. 67, No. 5, May 2009, p. 473.

"Evaluation of Fluorescent Penetrant Indications Caused by Positive Metal Conditions," Tim McAnally, *Back to Basics, M.E.*, Vol. 67, No. 12, December 2009, pp. 1350–1352.

"Everyday Heroes," Jocelyn Langlois, *President's Letter, M.E.*, Vol. 67, No. 4, April 2009, p. 377.

"Evolution of an Old Technique, Tap Test:," David K. Hsu, Daniel J. Barnard and Dennis P. Roach, *Back to Basics, M.E.*, Vol. 67, No. 7, July 2009, pp. 785–791.

"Excitation Light Sources, Implications for the Application and Evaluation of Alternative," Charles H. Mazel, *M.E.*, Vol. 67, No. 3, March 2009, pp. 284–291.

"Experimental Study of Nondestructive Microstructural Characterization of Frication Stir Welded Joints," X.M. Zhao, T. Gang and X.Y. Zhao, *M.E.*, Vol. 67, No. 4, April 2009, pp. 444–448.

"Explosives Detection, Combined X-ray Dual-Energy Radioscopy and Tomography Analysis for," M. Iovea, G. Mateiasi, O.G. Duliu, M. Neagu and M. Mangu, *M.E.*, Vol. 67, No. 12, December 2009, pp. 1342–1349.

"Fabrication and Characterization of Nano-Active Fiber Composites as Acoustic Emission Sensors," Jason K. Van Velsor, Joseph L. Rose and J. Bruce Nestleroth, *M.E.*, Vol. 67, No. 10, October 2009, pp. 1179–1188.

"Faculty Grant Applications Solicited," *Awards and Honors, M.E.*, Vol. 67, No. 9, September 2009, pp. 982–983.

"Faculty Grant, ASNT," *Awards and Honors, M.E.*, Vol. 67, No. 9, September 2009, p. 982.

"Faculty Grant," *Awards and Honors, M.E.*, Vol. 67, No. 10, October 2009, p. 1091.

"Fellow Award, ASNT," *Awards and Honors, M.E.*, Vol. 67, No. 2, February 2009, p. 125.

"Fellow Award, ASNT," *Awards and Honors, M.E.*, Vol. 67, No. 10, October 2009, p. 1090.

"Fellowship Award Being Accepted, Nominations for ASNT," *Awards and Honors, M.E.*, Vol. 67, No. 9, September 2009, p. 983.

"Fellowship Award, ASNT," *Awards and Honors, M.E.*, Vol. 67, No. 10, October 2009, pp. 1086–1088.

"Fellowship Award, ASNT," *Awards and Honors, M.E.*, Vol. 67, No. 10, October 2009, p. 1090.

"Fellowship Papers Published, ASNT," *Awards and Honors, M.E.*, Vol. 67, No. 10, October 2009, p. 1088.

"Fiber Composites as Acoustic Emission Sensors, Fabrication and Characterization of Nano-Active," Jason K. Van Velsor, Joseph L. Rose and J. Bruce Nestleroth, *M.E.*, Vol. 67, No. 10, October 2009, pp. 1179–1188.

"Film Replacement by Digital Techniques in Weld Testing," Carla Alves Marinho, Ricardo T. Lopes and João Marcos A. Rebello, *M.E.*, Vol. 67, No. 5, May 2009, pp. 529–539.

"Fluorescent Penetrant Indications Caused by Positive Metal Conditions, Evaluation of," Tim McAnally, *Back to Basics, M.E.*, Vol. 67, No. 12, December 2009, pp. 1350–1352.

"Fluorescent Penetrant System, Applying *MIL-HDBK-1823* for POD Demonstration on a," Jennifer Herberich, *M.E.*, Vol. 67, No. 3, March 2009, pp. 293–301.

"Focusing and Steering of Array Transducers Based on a Time-Reversal Process, Ultrasonic Beam," Hyunjo Jeong, *M.E.*, Vol. 67, No. 6, June 2009, pp. 721–729.

"Fourier Theory in Radiographic Image Analysis, Application of," Sanjoy Das and B.K. Shah, *M.E.*, Vol. 67, No. 1, January 2009, pp. 57–59.

"Frication Stir Welded Joints, Experimental Study of Nondestructive Microstructural Characterization of," X.M. Zhao, T. Gang and X.Y. Zhao, *M.E.*, Vol. 67, No. 4, April 2009, pp. 444–448.

"Gamma Radiography, Testing of Holes in Concrete Using," Peng-Chi Peng, Ming-Cheng Chen, Chiung-Hui Lin, Chun-Yu Chi and Chung-Yue Wang, *M.E.*, Vol. 67, No. 3, March 2009, pp. 327–332.

"Geophysical Technologies, 3D Utility Mapping Using Integrated," Francisco A. Romero, Keith J. Sjostrom, Steven P. DiBenedetto and John D. Ciampa, *M.E.*, Vol. 67, No. 10, October 2009, pp. 1100–1110.

"Grant Applications Solicited, Faculty," *Awards and Honors, M.E.*, Vol. 67, No. 9, September 2009, pp. 982–983.

"Grant, ASNT Faculty," *Awards and Honors, M.E.*, Vol. 67, No. 9, September 2009, p. 982.

"Grant, Faculty," *Awards and Honors, M.E.*, Vol. 67, No. 10, October 2009, p. 1091.

"Guided Wave Testing of an Immersed Gas Pipeline," V.M. Nuñez Ledesma, E. Pérez Baruch, A. Demma and M.J.S. Lowe, *M.E.*, Vol. 67, No. 2, February 2009, pp. 102–115.

"Guided Wave Testing of Buried Pipe," Joseph L. Rose, Jing Mu, Jia Hua, Roger Royer and Steve Kenefick, *M.E.*, Vol. 67, No. 12, December 2009, pp. 1387–1391.

"Health Monitoring Approach for Adhesively Bonded Joints," Salvatore Salamone, Tim Fasel, Ivan Bartoli, Ankrit Srivastava, Francesco Lanza di Scalea and Michael Todd, *M.E.*, Vol. 67, No. 7, July 2009, pp. 828–836.

"Heat-Induced Disbonding and Degradation of Adhesive Bonds in Honeycomb Sandwich Structures," David K. Hsu, Vinay Dayal and Daniel J. Barnard, *M.E.*, Vol. 67, No. 7, July 2009, pp. 843–850.

"Heroes, Everyday," Jocelyn Langlois, *President's Letter, M.E.*, Vol. 67, No. 4, April 2009, p. 377.

"High Voltage Electrical Survey Advancement," Daniel A. Ninerdorf, *M.E.*, Vol. 67, No. 1, January 2009, pp. 23–27.

"Highlights of Digital Radiography for NDT, Technical," Lior Pick and Ofra Kleinberger, *M.E.*, Vol. 67, No. 10, October 2009, pp. 1111–1116.

"Holes in Concrete Using Gamma Radiography, Testing of," Peng-Chi Peng, Ming-Cheng Chen, Chiung-Hui Lin, Chun-Yu Chi and Chung-Yue Wang, *M.E.*, Vol. 67, No. 3, March 2009, pp. 327–332.

"Honor Lecture, Lester," *Awards and Honors, M.E.*, Vol. 67, No. 1, January 2009, p. 36.

"Honor Lecture, Mehl," *Awards and Honors, M.E.*, Vol. 67, No. 10, October 2009, p. 1091.

"Honorary Member Award, Philip D. Johnson," *Awards and Honors, M.E.*, Vol. 67, No. 4, April 2009, p. 383.

"Honorary Member Award, Philip D. Johnson," *Awards and Honors, M.E.*, Vol. 67, No. 10, October 2009, p. 1092.

Huddleston, Elijah W. (Bill), *In Memoriam, M.E.*, Vol. 67, No. 2, February 2009, p. 120.

"Immersed Gas Pipeline, Guided Wave Testing of an," V.M. Nuñez Ledesma, E. Pérez Baruch, A. Demma and M.J.S. Lowe, *M.E.*, Vol. 67, No. 2, February 2009, pp. 102–115.

"Implications for the Application and Evaluation of Alternative Excitation Light Sources," Charles H. Mazel, *M.E.*, Vol. 67, No. 3, March 2009, pp. 284–291.

"Improved Reliability of Sonic Infrared Testing," Marco Morbidini, Bubyoung Kang and Peter Cawley, *M.E.*, Vol. 67, No. 10, October 2009, pp. 1193–1202.

In Memoriam, David Burdick, *M.E.*, Vol. 67, No. 10, October 2009, p. 984.

In Memoriam, David H. Palfini, *M.E.*, Vol. 67, No. 9, September 2009, p. 984.

In Memoriam, Elijah W. (Bill) Huddleston, *M.E.*, Vol. 67, No. 2, February 2009, p. 120.

In Memoriam, Frank M. DeSande, *M.E.*, Vol. 67, No. 7, January 2009, p. 767.

In Memoriam, Grant Reynolds, *M.E.*, Vol. 67, No. 1, January 2009, p. 36.

In Memoriam, John F. Rubi, *M.E.*, Vol. 67, No. 9, September 2009, p. 984.

In Memoriam, Kermit Alvin Skeie, *M.E.*, Vol. 67, No. 8, August 2009, p. 880.

In Memoriam, Robert H. Zong, *M.E.*, Vol. 67, No. 4, April 2009, p. 387.

In Memoriam, Walt L. Boteler, *M.E.*, Vol. 67, No. 9, September 2009, p. 984.

"Infrared and Thermal Testing," *Spotlight, M.E.*, Vol. 67, No. 5, May 2009, pp. 509–510.

"Innovation, Research Award for," *Awards and Honors, M.E.*, Vol. 67, No. 8, August 2009, p. 878.

"In-Situ Shearographic Nondestructive Testing of Aging Concrete Structures," Y.H. Huang, L. Liu Hung and Edward C.Y. Yiu, *M.E.*, Vol. 67, No. 4, April 2009, pp. 437–443.

"International Institute of Welding Commission VC Update," Eric Sjerve and Michael Moles, *M.E.*, Vol. 67, No. 4, April 2009, pp. 400–403.

"International NDT," Marwan Basrawi, *SOC Chair's Letter, M.E.*, Vol. 67, No. 7, July 2009, p. 761.

"Introduction to Technical Focus Issue on NDT of Adhesive Bonds," Richard H. Bossi, *M.E.*, Vol. 67, No. 7, July 2009, p. 818.

"Introduction to Technical Focus Issue on NDT of Bridges," Frank Jalinoos, *M.E.*, Vol. 67, No. 11, November 2009, p. 1284.

"Jocelyn Langlois, 2008–2009 ASNT President," David F. Fanning, *Presidential Profile, M.E.*, Vol. 67, No. 2, February 2009, pp. 85–86.

"Key Performance Measures for Computed Radiography, Predictive Model of," Steven A. Mango and Karin Topfer, *M.E.*, Vol. 67, No. 1, January 2009, pp. 17–22.

"Lab Equipment, NDT," *Spotlight, M.E.*, Vol. 67, No. 7, July 2009, pp. 793–794.

"Laser Bond Testing," Richard Bossi, Kevin Housen, Craig T. Walters and David Sokol, *M.E.*, Vol. 67, No. 7, July 2009, pp. 819–827.

"Leak Testing," *Spotlight, M.E.*, Vol. 67, No. 6, June 2009, pp. 697–698.

"Leave-in-Place Applications, Design and Performance of a Broadband 10 MHz Transducer for Elevated Temperature," M. Pedrick, B.R. Tittmann and J. Seliga, *M.E.*, Vol. 67, No. 2, February 2009, pp. 149–153.

"Lecture, Lester Honor" *Awards and Honors, M.E.*, Vol. 67, No. 1, January 2009, p. 36.

"Lester Honor Lecture," *Awards and Honors, M.E.*, Vol. 67, No. 1, January 2009, p. 36.

"Leveraging Technology for Performance Based Bridge Engineering," Franklin Moon, Emin Aktan, Frank Jalinoos and Shuang Jin, *Back to Basics, M.E.*, Vol. 67, No. 11, November 2009, pp. 1248–1257.

"Liring, Silver," Jocelyn Langlois, *President's Letter, M.E.*, Vol. 67, No. 10, October 2009, p. 1081.

"Load Bearing Capacity of Drilled Shafts with Anomalies," Khamis Y. Haramy, Alan Rock, Nien-Yin Chang and Roger Surdahl, *M.E.*, Vol. 67, No. 11, November 2009, pp. 1293–1299.

"Look, A New," David F. Fanning, *Editor's Letter, M.E.*, Vol. 67, No. 3, March 2009, p. 267.

"Lou Di Valerio Technician of the Year," *Awards and Honors, M.E.*, Vol. 67, No. 6, June 2009, p. 579.

"Lou DiValerio Technician of the Year Award Nominations Solicited," *Awards and Honors, M.E.*, Vol. 67, No. 12, December 2009, p. 1337.

"Magnetic Particle Testing, Electric Power Applications of," Armol S. Birring, *M.E.*, Vol. 67, No. 5, May 2009, pp. 490–498.

"Magnetostrictive Transducer for Torsional Guided Waves in Pipes and Plates," Sergey A. Vinogradov, *M.E.*, Vol. 67, No. 3, March 2009, pp. 333–341.

"Mapping of Carbon/Carbon Composites, Thermal Diffusivity," Yicheng Peter Pan, Richard A. Miller, Tsuchin Philip Chu and Peter Filip, *M.E.*, Vol. 67, No. 5, May 2009, pp. 540–546.

"Marketplace, The NDT," David F. Fanning, *Editor's Letter, M.E.*, Vol. 67, No. 6, June 2009, p. 569.

"Mass Spring Lattice Model, Determination of Effective Setups for Ultrasonic Testing Based on Numerical Simulations Using Ray Tracing," Eunsol Baek and Hyunjune Yim, *M.E.*, Vol. 67, No. 1, January 2009, pp. 49–56.

"*Materials Evaluation*, Outstanding Paper Award," *Awards and Honors, M.E.*, Vol. 67, No. 5, May 2009, p. 484.

"*Materials Evaluation*, Outstanding Paper Award," *Awards and Honors, M.E.*, Vol. 67, No. 10, October 2009, p. 1092.

"McMaster Gold Medal Nominations Accepted, 2010 Robert C.," *Awards and Honors, M.E.*, Vol. 67, No. 12, December 2009, p. 1337.

"McMaster Gold Medal, Robert C.," *Awards and Honors, M.E.*, Vol. 67, No. 12, December 2009, p. 1337.

"Measuring the Paramagnetic Properties of Nonmagnetic Drill Collars," John Markanich and Thomas Himmler, *M.E.*, Vol. 67, No. 6, June 2009, pp. 596–602.

"Mehl Honor Lecture," *Awards and Honors, M.E.*, Vol. 67, No. 10, October 2009, p. 1091.

"Mehl Honor Lecture Solicitation, 2011," *Awards and Honors, M.E.*, Vol. 67, No. 2, February 2009, p. 127.

"Membership, Record High for," Morteza K. Jafari, *Write ASNT, M.E.*, Vol. 67, No. 6, June 2009, p. 570.

"Membership, The Value of Active," Jocelyn Langlois, *President's Letter, M.E.*, Vol. 67, No. 9, September 2009, p. 977.

"Memorial Scholarship Fund, ASNT," *Society News, M.E.*, Vol. 67, No. 2, February 2009, p. 131.

"Mentoring Award Nominations," *Awards and Honors, M.E.*, Vol. 67, No. 1, January 2009, p. 36.

"Mentoring Award," *Awards and Honors, M.E.*, Vol. 67, No. 3, March 2009, p. 273.

"Mentoring Award," *Awards and Honors, M.E.*, Vol. 67, No. 10, October 2009, p. 1091.

"Meritorious Service Award, Charles N. Sherlock," *Awards and Honors, M.E.*, Vol. 67, No. 7, July 2009, p. 768.

"Meritorious Service Award, Charles N. Sherlock," *Awards and Honors, M.E.*, Vol. 67, No. 10, October 2009, p. 1091.

"*MIL-HDBK-1823* for POD Demonstration on a Fluorescent Penetrant System, Applying," Jennifer Herberich," *M.E.*, Vol. 67, No. 3, March 2009, pp. 293–301.

"Monitoring Capability of Penetrant System Performance Panels," George Hopman, *Back to Basics, M.E.*, Vol. 67, No. 2, February 2009, pp. 98–101.

"MT/PT," *Spotlight, M.E.*, Vol. 67, No. 12, December 2009, pp. 1357–1358.

"Multi-antenna Platforms for Fast and Economical 3D Ground Penetrating Radar Investigations," Jorgen Bergstrom, *M.E.*, Vol. 67, No. 4, April 2009, pp. 392–399.

"Nano-Active Fiber Composites as Acoustic Emission Sensors, Fabrication and Characterization of," Jason K. Van Velsor, Joseph L. Rose and J. Bruce Nestleroth, *M.E.*, Vol. 67, No. 10, October 2009, pp. 1179–1188.

"NASA, Ultrasonic Phased Array Testing Situations of Welded Components at," D.J. Roth, R.P. Tokars, R.E. Martin, R.W. Rauser, J.C. Aldrin, and E.J. Schumacher, *M.E.*, Vol. 67, No. 1, January 2009, pp. 60–65.

"NDT and Structural Health Monitoring for 2010 and Beyond, Crystal Ball Gazing:," John C. Duke, Jr., *Opinion Paper, M.E.*, Vol. 67, No. 8, August 2009, pp. 895–899.

"NDT Equipment, Power Industry," *Spotlight, M.E.*, Vol. 67, No. 8, August 2009, pp. 909–910.

"NDT Lab Equipment," *Spotlight, M.E.*, Vol. 67, No. 7, July 2009, pp. 793–794.

"NDT Lab Equipment," *Spotlight, M.E.*, Vol. 67, No. 11, November 2009, pp. 1259–1260.

"NDT Marketplace, The," David F. Fanning, *Editor's Letter, M.E.*, Vol. 67, No. 6, June 2009, p. 569.

"NDT Software," *Spotlight, M.E.*, Vol. 67, No. 9, September 2009, pp. 1010–1011.

"NDT, International," Marwan Basrawi, *SOC Chair's Letter, M.E.*, Vol. 67, No. 7, July 2009, p. 761.

"NDT, The Ethics of," Jocelyn Langlois, *President's Letter, M.E.*, Vol. 67, No. 5, May 2009, p. 473.

"New Approaches for Testing of Adhesive Joints by Ultrasonic C-scan Imaging Technique," Mehdi Zeighami and Farhang Honarvar, *M.E.*, Vol. 67, No. 8, August 2009, pp. 945–954.

"New Look, A," David F. Fanning, *Editor's Letter, M.E.*, Vol. 67, No. 3, March 2009, p. 267.

"Nominations for ASNT Fellowship Award Being Accepted," *Awards and Honors, M.E.*, Vol. 67, No. 9, September 2009, p. 983.

"Nominees and Candidates for 2009–2010 ASNT Officer and Director Positions," *Society News, M.E.*, Vol. 67, No. 5, May 2009, p. 479.

"Nondestructive Microstructural Characterization of Frication Stir Welded Joints, Experimental Study of," X.M. Zhao, T. Gang and X.Y. Zhao, *M.E.*, Vol. 67, No. 4, April 2009, pp. 444–448.

"Nondestructive Testing Techniques for the Ares I Common Bulkhead Bond Line," James Walker, Scott Ragasa, Rose Sanders, Don Lovell and Mathew McDougal, *M.E.*, Vol. 67, No. 7, July 2009, pp. 774–783.

"Nonmagnetic Drill Collars, Measuring the Paramagnetic Properties of," John Markanich and Thomas Himmler, *M.E.*, Vol. 67, No. 6, June 2009, pp. 596–602.

"Numerical Simulations Using Ray Tracing and the Mass Spring Lattice Model, Determination of Effective Setups for Ultrasonic Testing," Eunsol Baek and Hyunjune Yim, *M.E.*, Vol. 67, No. 1, January 2009, pp. 49–56.

"Officer and Director Positions, Nominees and Candidates for 2009–2010 ASNT," *Society News, M.E.*, Vol. 67, No. 5, May 2009, p. 479.

"Oliver Scholarship Entries Solicited," *Awards and Honors, M.E.*, Vol. 67, No. 10, October 2009, p. 1088.

Opinion Paper, John C. Duke, Jr., "Crystal Ball Gazing: NDT and Structural Health Monitoring for 2010 and Beyond," *M.E.*, Vol. 67, No. 8, August 2009, pp. 895–899.

"Opportunities Take Many Forms, Educational," Kate Baldwin, *M.E.*, Vol. 67, No. 9, September 2009, pp. 996–1000.

"Optical NDT of Adhesively Bonded Joints," Rikard Benton Heslehurst, *M.E.*, Vol. 67, No. 7, July 2009, pp. 837–842.

"Outstanding Paper Award, *Materials Evaluation*," *Awards and Honors, M.E.*, Vol. 67, No. 5, May 2009, p. 484.

"Outstanding Paper Award, *Materials Evaluation*," *Awards and Honors, M.E.*, Vol. 67, No. 10, October 2009, p. 1092.

"Outstanding Paper Award, *RNDE*," *Awards and Honors, M.E.*, Vol. 67, No. 10, October 2009, p. 1092.

Palfini, David H., *In Memoriam, M.E.*, Vol. 67, No. 9, September 2009, p. 984.

"Papers Published, ASNT Fellowship," *Awards and Honors, M.E.*, Vol. 67, No. 10, October 2009, p. 1088.

"Paramagnetic Properties of Nonmagnetic Drill Collars, Measuring the," John Markanich and Thomas Himmler, *M.E.*, Vol. 67, No. 6, June 2009, pp. 596–602.

"Pathologies, Inspection, Alternative Materials, Suspension Bridge Cables:," Monssef Drissi-Habti, Bojidar Yanev and Raimondo Betti, *M.E.*, Vol. 67, No. 12, December 2009, pp. 1379–1386.

"Penetrant System Performance Panels, Monitoring Capability of," George Hopman, *Back to Basics, M.E.*, Vol. 67, No. 2, February 2009, pp. 98–101.

"Performance Based Bridge Engineering, Leveraging Technology for," Franklin Moon, Emin Aktan, Frank Jalinoos and Shuang Jin, *Back to Basics, M.E.*, Vol. 67, No. 11, November 2009, pp. 1248–1257.

"Performance Panels, Monitoring Capability of Penetrant System" George Hopman, *Back to Basics, M.E.*, Vol. 67, No. 2, February 2009, pp. 98–101.

"Periodic NDT: NDT for Bridge Maintenance, Structural Health Monitoring by," Frank Jalinoos, Ralf Arndt, Dryver Huston and Jianhong Cui, *M.E.*, Vol. 67, No. 11, November 2009, pp. 1300–1307.

"Phased Array Testing Situations of Welded Components at NASA, Ultrasonic," D.J. Roth, R.P. Tokars, R.E. Martin, R.W. Rauser, J.C. Aldrin, and E.J. Schumacher, *M.E.*, Vol. 67, No. 1, January 2009, pp. 60–65.

"Phased Array UT System, an Industry-Cooperative Program to Develop an Automated," Eugene R. Reinhart, Teodoro Leon-Salamanca, Ethan Ellenberg, Kristen Kaufman and Scott Wright, *M.E.*, Vol. 67, No. 6, June 2009, pp. 603–610.

"Philip D. Johnson Honorary Member Award," *Awards and Honors, M.E.*, Vol. 67, No. 4, April 2009, p. 383.

"Philip D. Johnson Honorary Member Award," *Awards and Honors, M.E.*, Vol. 67, No. 10, October 2009, p. 1092.

"Philip D. Johnson Honorary Membership Award Nominations Accepted, 2009," *Awards and Honors, M.E.*, Vol. 67, No. 2, February 2009, p. 126.

"Pipe, Guided Wave Testing of Buried," Joseph L. Rose, Jing Mu, Jia Hua, Roger Royer and Steve Kenefick, *M.E.*, Vol. 67, No. 12, December 2009, pp. 1387–1391.

"Pipes and Plates, Magnetostrictive Transducer for Torsional Guided Waves in," Sergey A. Vinogradov, *M.E.*, Vol. 67, No. 3, March 2009, pp. 333–341.

"Platforms for Fast and Economical 3D Ground Penetrating Radar Investigations, Multi-antenna," Jorgen Bergstrom, *M.E.*, Vol. 67, No. 4, April 2009, pp. 392–399.

"Positive Metal Conditions, Evaluation of Fluorescent Penetrant Indications Caused by," Tim McAnally, *Back to Basics, M.E.*, Vol. 67, No. 12, December 2009, pp. 1350–1352.

"Power Industry NDT Equipment," *Spotlight, M.E.*, Vol. 67, No. 8, August 2009, pp. 909–910.

"Predictive Model of Key Performance Measures for Computed Radiography," Steven A. Mango and Karin Topfer, *M.E.*, Vol. 67, No. 1, January 2009, pp. 17–22.

"Preparing to Work Together," Jocelyn Langlois, *President's Letter, M.E.*, Vol. 67, No. 3, March 2009, p. 265.

"President Jocelyn Langlois, 2008–2009 ASNT," David F. Fanning, *Presidential Profile, M.E.*, Vol. 67, No. 2, February 2009, pp. 85–86.

"President's Award Results, 2008–2009," *Awards and Honors, M.E.*, Vol. 67, No. 10, October 2009, p. 1089.

Product Spotlight, "Radiographic Testing," *M.E.*, Vol. 67, No. 1, January 2009, pp. 32–35.

Product Spotlight, "Data Acquisition," *M.E.*, Vol. 67, No. 2, February 2009, pp. 116–119.

"Proposed Amendments to ASNT Bylaws Presented for Member Consideration," *Special Notice, M.E.*, Vol. 67, No. 8, August 2009, pp. 882–885.

"Radioactive Waste Storage Tanks, Ultrasonic Testing of Buried High-Level," James B. Elder, Rodney W. Vande Kamp and Bruce J. Wiersma, *M.E.*, Vol. 67, No. 8, August 2009, pp. 888–894.

"Radiographic Image Analysis, Application of Fourier Theory in," Sanjoy Das and B.K. Shah, *M.E.*, Vol. 67, No. 1, January 2009, pp. 57–59.

"Radiographic Testing," *Product Spotlight, M.E.*, Vol. 67, No. 1, January 2009, pp. 32–35.

"Radiography to Digital Radiography, The Transition from Conventional," Ron Pincu, and Ofra Kleinberger, *M.E.*, Vol. 67, No. 5, May 2009, pp. 499–506.

"Record High for Membership," Morteza K. Jafari, *Write ASNT, M.E.*, Vol. 67, No. 6, June 2009, p. 570.

"Reliability Analysis of Time of Flight Diffraction Characterization of Inclined Cracks," S.K. Nath, Krishnan Balasubramaniam, C.V. Krishnamurthy and B.H. Narayana, *M.E.*, Vol. 67, No. 3, March 2009, pp. 342–353.

"Research Award for Innovation," *Awards and Honors, M.E.*, Vol. 67, No. 8, August 2009, p. 878.

"Research Award for Sustained Excellence," *Awards and Honors, M.E.*, Vol. 67, No. 8, August 2009, p. 878.

"Research Symposium in St. Louis, 2009," *Wrap-up, M.E.*, Vol. 67, No. 6, June 2009, pp. 590–591.

"Research Symposium, ASNT's 18th Annual," *Society News, M.E.*, Vol. 67, No. 3, March 2009, pp. 278–279.

Reynolds, Grant, *In Memoriam, M.E.*, Vol. 67, No. 1, January 2009, p. 36.

"*RNDE*, Outstanding Paper Award," *Awards and Honors, M.E.*, Vol. 67, No. 10, October 2009, p. 1092.

"Robert C. McMaster Gold Medal," *Awards and Honors, M.E.*, Vol. 67, No. 12, December 2009, p. 1337.

Rubi, John F., *In Memoriam, M.E.*, Vol. 67, No. 9, September 2009, p. 984.

"Scholarship Entries Solicited, Oliver," *Awards and Honors, M.E.*, Vol. 67, No. 10, October 2009, p. 1088.

"Scholarship Fund, ASNT Memorial," *Society News, M.E.*, Vol. 67, No. 2, February 2009, p. 131.

"Secretary/Treasurer Eligibility Requirements Announcement," *Society News, M.E.*, Vol. 67, No. 11, November 2009, p. 1231.

"Service Award, Charles N. Sherlock Meritorious," *Awards and Honors, M.E.*, Vol. 67, No. 7, July 2009, p. 768.

"Service Award, Charles N. Sherlock Meritorious," *Awards and Honors, M.E.*, Vol. 67, No. 10, October 2009, p. 1091.

"Shearographic Nondestructive Testing of Aging Concrete Structures, In-Situ," Y.H. Huang, L. Liu Hung and Edward C.Y. Yiu, *M.E.*, Vol. 67, No. 4, April 2009, pp. 437–443.

"Silver Lining," Jocelyn Langlois, *President's Letter, M.E.*, Vol. 67, No. 10, October 2009, p. 1081.

Skeie, Kermit Alvin, *In Memoriam, M.E.*, Vol. 67, No. 8, August 2009, p. 880.

Society News, "ASNT 2009 Election Results," *M.E.*, Vol. 67, No. 10, October 2009, p. 1094.

Society News, "ASNT Memorial Scholarship Fund," M.E., Vol. 67, No. 2, February 2009, p. 131.

Society News, "ASNT Thanks Contributors," *M.E.*, Vol. 67, No. 6, June 2009, p. 578.

Society News, "ASNT's 18th Annual Research Symposium," *M.E.*, Vol. 67, No. 3, March 2009, pp. 278–279.

Society News, "Certification Management Council Seeks Applicants," *M.E.*, Vol. 67, No. 1, January 2009, p. 37.

Society News, "Certification Management Council Seeks Applicants," *M.E.*, Vol. 67, No. 11, November 2009, p. 1231.

Society News, "Certification Management Council Seeks Applicants," *M.E.*, Vol. 67, No. 12, December 2009, p. 1334.

Society News, "Nominees and Candidates for 2009–2010 ASNT Officer and Director Positions," *M.E.*, Vol. 67, No. 5, May 2009, p. 479.

Society News, "Secretary/Treasurer Eligibility Requirements Announcement," *M.E.*, Vol. 67, No. 11, November 2009, p. 1231.

"Software, NDT," *Spotlight, M.E.*, Vol. 67, No. 9, September 2009, pp. 1010–1011.

"Solicitation, 2011 Mehl Honor Lecture," *Awards and Honors, M.E.*, Vol. 67, No. 2, February 2009, p. 127.

"Sonic Infrared Testing, Improved Reliability of," Marco Morbidini, Bubyoung Kang and Peter Cawley, *M.E.*, Vol. 67, No. 10, October 2009, pp. 1193–1202.

Special Notice, "Proposed Amendments to ASNT Bylaws Presented for Member Consideration," *M.E.*, Vol. 67, No. 8, August 2009, pp. 882–885.

Spotlight, "Electromagnetic Testing," *M.E.*, Vol. 67, No. 4, April 2009, pp. 407–408.

Spotlight, "Infrared and Thermal Testing," *M.E.*, Vol. 67, No. 5, May 2009, pp. 509–510.

Spotlight, "Leak Testing," *M.E.*, Vol. 67, No. 6, June 2009, pp. 697–698.

Spotlight, "MT/PT," *M.E.*, Vol. 67, No. 12, December 2009, pp. 1357–1358.

Spotlight, "NDT Lab Equipment," *M.E.*, Vol. 67, No. 7, July 2009, pp. 793–794.

Spotlight, "NDT Lab Equipment," *M.E.*, Vol. 67, No. 11, November 2009, pp. 1259–1260.

Spotlight, "NDT Software," *M.E.*, Vol. 67, No. 9, September 2009, pp. 1010–1011.

Spotlight, "Power Industry NDT Equipment," *M.E.*, Vol. 67, No. 8, August 2009, pp. 909–910.

Spotlight, "Ultrasonic Testing," *M.E.*, Vol. 67, No. 3, March 2009, pp. 303–305.

"St. Louis, 2009 Research Symposium in," *Wrap-up, M.E.*, Vol. 67, No. 6, June 2009, pp. 590–591.

"Structural Health Monitoring by Periodic NDT: NDT for Bridge Maintenance," Frank Jalinoos, Ralf Arndt, Dryver Huston and Jianhong Cui, *M.E.*, Vol. 67, No. 11, November 2009, pp. 1300–1307.

"Structural Health Monitoring of Bridge Cables," Monssef Drissi-Habti, Raimondo Betti and Bojidar Yanev, *M.E.*, Vol. 67, No. 11, November 2009, pp. 1285–1292.

"Subsurface Water Path Detection in Concrete Structures Using Active Thermography," F.C. Sham and Y. Lo, Y.S. Chen, Y.Y. Hung, *M.E.*, Vol. 67, No. 1, January 2009, pp. 28–31.

"Survey Advancement, High Voltage Electrical," Daniel A. Ninerdorf, *M.E.*, Vol. 67, No. 1, January 2009, pp. 23–27.

"Suspension Bridge Cables: Pathologies, Inspection, Alternative Materials," Monssef Drissi-Habti, Bojidar Yanev and Raimondo Betti, *M.E.*, Vol. 67, No. 12, December 2009, pp. 1379–1386.

"Sustained Excellence, Research Award for," *Awards and Honors, M.E.*, Vol. 67, No. 8, August 2009, p. 878.

"Systems and for Qualification of Inspectors, Design of Experiments for Validating Probability of Detection Capability of NDT," E.R. Generazio, *M.E.*, Vol. 67, No. 6, June 2009, pp. 730–738.

"Tap Test: Evolution of an Old Technique," David K. Hsu, Daniel J. Barnard and Dennis P. Roach, *Back to Basics, M.E.*, Vol. 67, No. 7, July 2009, pp. 785–791.

"Technical Focus Issue on NDT of Adhesive Bonds, Introduction to," Richard H. Bossi, *M.E.*, Vol. 67, No. 7, July 2009, p. 818.

"Technical Focus Issue on NDT of Bridges, Introduction to," Frank Jalinoos, *M.E.*, Vol. 67, No. 11, November 2009, p. 1284.

"Technical Highlights of Digital Radiography for NDT," Lior Pick and Ofra Kleinberger, *M.E.*, Vol. 67, No. 10, October 2009, pp. 1111–1116.

"Technician of the Year Award Nominations Solicited, Lou DiValerio," *Awards and Honors, M.E.*, Vol. 67, No. 12, December 2009, p. 1337.

"Technician of the Year, Lou Di Valerio," *Awards and Honors, M.E.*, Vol. 67, No. 6, June 2009, p. 579.

"Techniques for the Ares I Common Bulkhead Bond Line, Nondestructive Testing," James Walker, Scott Ragasa, Rose Sanders, Don Lovell and Mathew McDougal, *M.E.*, Vol. 67, No. 7, July 2009, pp. 774–783.

"Testing of Adhesive Joints by Ultrasonic C-scan Imaging Technique, New Approaches for," Mehdi Zeighami and Farhang Honarvar, *M.E.*, Vol. 67, No. 8, August 2009, pp. 945–954.

"Testing of an Immersed Gas Pipeline, Guided Wave," V.M. Nuñez Ledesma, E. Pérez Baruch, A. Demma and M.J.S. Lowe, *M.E.*, Vol. 67, No. 2, February 2009, pp. 102–115.

"Testing of Holes in Concrete Using Gamma Radiography," Peng-Chi Peng, Ming-Cheng Chen, Chiung-Hui Lin, Chun-Yu Chi and Chung-Yue Wang, *M.E.*, Vol. 67, No. 3, March 2009, pp. 327–332.

"Testing Situations of Welded Components at NASA, Ultrasonic Phased Array," D.J. Roth, R.P. Tokars, R.E. Martin, R.W. Rauser, J.C. Aldrin, and E.J. Schumacher, *M.E.*, Vol. 67, No. 1, January 2009, pp. 60–65.

"Testing, Electromagnetic," *Spotlight, M.E.*, Vol. 67, No. 4, April 2009, pp. 407–408.

"Testing, Infrared and Thermal," *Spotlight, M.E.*, Vol. 67, No. 5, May 2009, pp. 509–510.

"Testing, Laser Bond," Richard Bossi, Kevin Housen, Craig T. Walters and David Sokol, *M.E.*, Vol. 67, No. 7, July 2009, pp. 819–827.

"Testing, Leak," *Spotlight, M.E.*, Vol. 67, No. 6, June 2009, pp. 697–698.

"Testing, Radiographic," *Product Spotlight, M.E.*, Vol. 67, No. 1, January 2009, pp. 32–35.

"Testing, Ultrasonic," *Spotlight, M.E.*, Vol. 67, No. 3, March 2009, pp. 303–305.

"Thanks Contributors, ASNT," *Society News, M.E.*, Vol. 67, No. 6, June 2009, p. 578.

"Thermal Diffusivity Mapping of Carbon/Carbon Composites," Yicheng Peter Pan, Richard A. Miller, Tsuchin Philip Chu and Peter Filip, *M.E.*, Vol. 67, No. 5, May 2009, pp. 540–546.

"Thermal Testing, Infrared and," *Spotlight, M.E.*, Vol. 67, No. 5, May 2009, pp. 509–510.

"Time of Flight Diffraction Characterization of Inclined Cracks, Reliability Analysis of," S.K. Nath, Krishnan Balasubramaniam, C.V. Krishnamurthy and B.H. Narayana, *M.E.*, Vol. 67, No. 3, March 2009, pp. 342–353.

"Time of Flight Diffraction Technique for Characterization of Surface-Breaking Inclined Cracks, an Ultrasonic," S.K. Nath, Krishnan Balasubramaniam, C.V. Krishnamurthy and B.H. Narayana, "*M.E.*, Vol. 67, No. 2, February 2009, pp. 141–148.

"Together, Preparing to Work," Jocelyn Langlois, *President's Letter, M.E.*, Vol. 67, No. 3, March 2009, p. 265.

"Torsional Guided Wave Propagation, Effect of Welded Pipe Supports Brackets on," Shiuh-Kuang Yang, Ping-Hung Lee and Jyin-Wen Cheng, *M.E.*, Vol. 67, No. 8, August 2009, pp. 935–944.

"Torsional Guided Waves in Pipes and Plates, Magnetostrictive Transducer for," Sergey A. Vinogradov, *M.E.*, Vol. 67, No. 3, March 2009, pp. 333–341.

"Transition from Conventional Radiography to Digital Radiography, The," Ron Pincu, and Ofra Kleinberger, *M.E.*, Vol. 67, No. 5, May 2009, pp. 499–506.

"Tutorial Citation," *Awards and Honors, M.E.*, Vol. 67, No. 11, November 2009, p. 1233.

"Ultrasonic Beam Focusing and Steering of Array Transducers Based on a Time-Reversal Process," Hyunjo Jeong, *M.E.*, Vol. 67, No. 6, June 2009, pp. 721–729.

"Ultrasonic C-scan Imaging Technique, New Approaches for Testing of Adhesive Joints by," Mehdi Zeighami and Farhang Honarvar, *M.E.*, Vol. 67, No. 8, August 2009, pp. 945–954.

"Ultrasonic Phased Array Testing Situations of Welded Components at NASA," D.J. Roth, R.P. Tokars, R.E. Martin, R.W. Rauser, J.C. Aldrin, and E.J. Schumacher, *M.E.*, Vol. 67, No. 1, January 2009, pp. 60–65.

"Ultrasonic Techniques for Detection of Weak Adhesion," Melody A. Drewry, Robert A. Smith, Albert P. Phang, Dawai Yan, Paul Wicox and Dennis P. Roach, *M.E.*, Vol. 67, No. 9, September 2009, pp. 1048–1058.

"Ultrasonic Testing," *Spotlight, M.E.*, Vol. 67, No. 3, March 2009, pp. 303–305.

"Ultrasonic Testing Based on Numerical Simulations Using Ray Tracing and the Mass Spring Lattice Model, Determination of Effective Setups for," Eunsol Baek and Hyunjune Yim, *M.E.*, Vol. 67, No. 1, January 2009, pp. 49–56.

"Ultrasonic Testing of Buried High-Level Radioactive Waste Storage Tanks," James B. Elder, Rodney W. Vande Kamp and Bruce J. Wiersma, *M.E.*, Vol. 67, No. 8, August 2009, pp. 888–894.

"Ultraviolet Vision and Ultraviolet-Blocking Glasses, Cataract Surgery," Charles Mazel, *M.E.*, Vol. 67, No. 12, December 2009, pp. 1353–1355.

"Undergraduate Award, Engineering," *Awards and Honors, M.E.*, Vol. 67, No. 6, June 2009, p. 579.

"Undergraduate Award, Engineering," *Awards and Honors, M.E.*, Vol. 67, No. 10, October 2009, p. 1091.

"Use of NDT Technologies in US Bridge Inspection Practice," Sreenivas Alampalli and Frank Jalinoos, *M.E.*, Vol. 67, No. 11, November 2009, pp. 1236–1246.

"Utility Mapping Using Integrated Geophysical Technologies, 3D," Francisco A. Romero, Keith J. Sjostrom, Steven P. DiBenedetto and John D. Ciampa, *M.E.*, Vol. 67, No. 10, October 2009, pp. 1100–1110.

"Value of Active Membership, The," Jocelyn Langlois, *President's Letter, M.E.*, Vol. 67, No. 9, September 2009, p. 977.

"VC Update, International Institute of Welding Commission," Eric Sjerve and Michael Moles, *M.E.*, Vol. 67, No. 4, April 2009, pp. 400–403.

"Water Path Detection in Concrete Structures Using Active Thermography, Subsurface," F.C. Sham and Y. Lo, Y.S. Chen, Y.Y. Hung, *M.E.*, Vol. 67, No. 1, January 2009, pp. 28–31.

"Weak Adhesion, Ultrasonic Techniques for Detection of," Melody A. Drewry, Robert A. Smith, Albert P. Phang, Dawai Yan, Paul Wicox and Dennis P. Roach, *M.E.*, Vol. 67, No. 9, September 2009, pp. 1048–1058.

"Weld Testing, Film Replacement by Digital Techniques in," Carla Alves Marinho, Ricardo T. Lopes and João Marcos A. Rebello, *M.E.*, Vol. 67, No. 5, May 2009, pp. 529–539.

"Welded Pipe Supports Brackets on Torsional Guided Wave Propagation, Effect of," Shiuh-Kuang Yang, Ping-Hung Lee and Jyin-Wen Cheng, *M.E.*, Vol. 67, No. 8, August 2009, pp. 935–944.

"What's Right with ASNT," Joel W. Whitaker, *Vice President's Letter, M.E.*, Vol. 67, No. 8, August 2009, p. 873.

"Work Together, Preparing to," Jocelyn Langlois, *President's Letter, M.E.*, Vol. 67, No. 3, March 2009, p. 265.

Wrap-up, "2009 Research Symposium in St. Louis," *M.E.*, Vol. 67, No. 6, June 2009, pp. 590–591.

Wrap-up, "Charleston Hosts 2008 ASNT Fall Conference," *M.E.*, Vol. 67, No. 2, February 2009, p. 121.

"X-ray Dual-Energy Radioscopy and Tomography Analysis for Explosives Detection, Combined," M. Iovea, G. Mateiasi, O.G. Duliu, M. Neagu and M. Mangu, *M.E.*, Vol. 67, No. 12, December 2009, pp. 1342–1349.

"Young NDT Professional Award," *Awards and Honors, M.E.*, Vol. 67, No. 11, November 2009, p. 1233.

Zong, Robert H., *In Memoriam, M.E.*, Vol. 67, No. 4, April 2009, p. 387. ◗